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File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200402

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File 371:French Patents 1961-2002/BOPI 200209

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| Set | Items   | Description   |
|-----|---------|---|
| S1  | 2362511 | ELECTRIC OR HYBRID OR INTERNAL()COMBUSTION OR EV OR HEV OR FUEL()CELL OR IC OR ICE OR BATTER??? OR SOLAR OR INSIGHT OR P-RIUS OR HYBRIDELECTRIC   |
| S2  | 207838  | BRAKE? ? OR BRAKING   |
| S3  | 1248087 | AXLE? ? OR WHEEL? ? OR AXEL? ? OR SHAFT? ? OR AXLETREE? ?   |
| S4  | 4997673 | FRICTION OR DRAG OR RESISTANCE OR ABRASION OR DRUM? ? OR D-ISC? ? OR DISK? ? OR BLOCK? ? OR BAND? ? OR SHOE? ? OR PAD OR PADS OR AIR OR HYDRAULIC OR VACUUM   |
| S5  | 160518  | REGENERATIVE OR THERMAL()RESISTOR OR DISSIPAT??? (N)POWER OR (RECAPTUR??? OR RECOVER??? OR REUS??? OR RE() (USE OR USES OR USING OR CLAIM???) OR RECLAIM???) (3W)ENERGY OR DYNAMIC OR REC-UPERATIVE     |
| S6  | 327743  | S3(5N) (TWO OR 2 OR SECOND OR 2ND OR DUPLICATE? ? OR DOUBLE? ? OR TWOFOLD OR DUAL OR PAIR OR FIRST OR 1ST OR SEPARATE OR -DISCRETE OR DISTINCT OR ANOTHER OR DIFFERENT OR OTHER OR ADD?? OR ADDITIONAL) |
| S7  | 66719   | S2(5N)S4  |
| S8  | 4726    | S2(5N)S5  |
| S9  | 17      | S1(S)S6(S)S7(S)S8   |
| S10 | 47634   | IC=(B60T-008? OR B60L-007? OR H02K-049? OR H02P-003?)   |
| S11 | 17      | S9 AND S10  |
| S12 | 17      | IDPAT (sorted in duplicate/non-duplicate order)   |
| S13 | 16      | IDPAT (primary/non-duplicate records only)  |

13/3,K/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010082302 \*\*Image available\*\*  
WPI Acc No: 1994-350015/199444  
XRPX Acc No: N94-274630

**Braking system for electric car - has twin circuit hydraulic brakes with auxiliary pressure source, plus retardation and energy recovery from drive motor**

Patent Assignee: ITT AUTOMOTIVE EURO GMBH (INTT )  
Inventor: BERTHOLD T; FEIGEL H; GRAEBER J; KIRCHER D  
Number of Countries: 017 Number of Patents: 006

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| DE 4314448  | A1   | 19941110 | DE 4314448  | A    | 19930503 | 199444 B |
| WO 9425322  | A1   | 19941110 | WO 94EP1341 | A    | 19940428 | 199444   |
| EP 695251   | A1   | 19960207 | EP 94915138 | A    | 19940428 | 199610   |
|             |      |          | WO 94EP1341 | A    | 19940428 |          |
| EP 695251   | B1   | 19971001 | EP 94915138 | A    | 19940428 | 199744   |
|             |      |          | WO 94EP1341 | A    | 19940428 |          |
| DE 59404219 | G    | 19971106 | DE 504219   | A    | 19940428 | 199750   |
|             |      |          | EP 94915138 | A    | 19940428 |          |
|             |      |          | WO 94EP1341 | A    | 19940428 |          |
| US 5769509  | A    | 19980623 | WO 94EP1341 | A    | 19940428 | 199832   |
|             |      |          | US 95545749 | A    | 19951101 |          |

Priority Applications (No Type Date): DE 4314448 A 19930503

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC    | Filing Notes               |
|---|------|-----|----|-------------|----------------------------|
| DE 4314448  | A1   |     | 6  | B60T-011/10 |                            |
| WO 9425322  | A1 G | 21  |    | B60T-013/58 |                            |
| Designated States (National): US  |      |     |    |             |                            |
| Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE |      |     |    |             |                            |
| EP 695251   | A1 G | 1   |    | B60T-013/58 | Based on patent WO 9425322 |
| Designated States (Regional): DE FR GB  |      |     |    |             |                            |
| EP 695251   | B1 G | 8   |    | B60T-013/58 | Based on patent WO 9425322 |
| Designated States (Regional): DE FR GB  |      |     |    |             |                            |
| DE 59404219   | G    |     |    | B60T-013/58 | Based on patent EP 695251  |
| Based on patent WO 9425322  |      |     |    |             |                            |
| US 5769509  | A    |     |    | B60T-008/00 | Based on patent WO 9425322 |

...Abstract (Equivalent): Brake unit for motor vehicles with \*electric\* drive and with a driven axle and a non-driven \*axle\*, comprising: (a) a \*two\*-circuit master brake cylinder (2), which can be actuated by means of a brake pedal (1), and to which both the \*friction\* \*brakes\* (3,4,5,6) associated with the driven axle and with the non-driven axle are connected; (b) an electro-\*regenerative\* \*brake\* system which uses the \*electric\* drive motor (10) of the motor vehicle for braking and energy recovery; and (c) an \*electric\* controller (8), which receives information on the state of actuation of the master brake cylinder...

...of the vehicle, and evaluates it to control both the drive motor (10) and the \*friction\* \*brakes\* (5,6) acting on the driven axle, characterised in that the \*friction\* \*brakes\* (3,4) acting on the non-driven \*axle\* are connected to the \*first\* pressure space (22) of the master \*brake\* cylinder (2) and the \*friction\* \*brakes\* (5,6) acting on the driven \*axle\* are connected to the \*second\* pressure space (23) of the master brake cylinder (2), wherein the connection between the second pressure space (23) and the \*friction\* \*brakes\* (5,6) acting on the driven axle is performed by at least one shut-off ...

...which can be switched over electrically and is open in the currentless

state, and the \*friction\* \*brakes\* (5,6) acting on the driven axle are connectable to a hydraulic energy supply unit...  
 International Patent Class (Main): \*B60T-008/00\*...  
 ...International Patent Class (Additional): \*B60L-007/24\*...  
 ...\*B60L-007/26\*...  
 ...\*B60T-008/32\*...  
 ...\*B60T-008/48\*

13/3,K/8 (Item 8 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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009343855 \*\*Image available\*\*  
 WPI Acc No: 1993-037318/199305  
 XRPX Acc No: N93-028515

**Hydraulic braking system for motor vehicle with electric drive - designed in form of multi-circuit compound braking system consisting of hydraulic friction brakes and electro-regenerating braking system**

Patent Assignee: TEVES GMBH ALFRED (TEVE ); ITT AUTOMOTIVE EURO GMBH (INTT )

Inventor: BALZ J; DROTT P; KLEIN H; LOHBERG P  
 Number of Countries: 015 Number of Patents: 006

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| DE 4124496  | A1   | 19930128 | DE 4124496  | A    | 19910724 | 199305 B |
| WO 9301959  | A1   | 19930204 | WO 92EP1681 | A    | 19920723 | 199307   |
| EP 595961   | A1   | 19940511 | EP 92916186 | A    | 19920723 | 199419   |
|             |      |          | WO 92EP1681 | A    | 19920723 |          |
| EP 595961   | B1   | 19951004 | EP 92916186 | A    | 19920723 | 199544   |
|             |      |          | WO 92EP1681 | A    | 19920723 |          |
| DE 59203919 | G    | 19951109 | DE 503919   | A    | 19920723 | 199550   |
|             |      |          | EP 92916186 | A    | 19920723 |          |
|             |      |          | WO 92EP1681 | A    | 19920723 |          |
| US 5472264  | A    | 19951205 | WO 92EP1681 | A    | 19920723 | 199603   |
|             |      |          | US 94182014 | A    | 19940124 |          |

Priority Applications (No Type Date): DE 4124496 A 19910724

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC    | Filing Notes               |
|---|------|-----|----|-------------|----------------------------|
| DE 4124496  | A1   |     | 12 | B60T-011/10 |                            |
| WO 9301959  | A1   | G   | 34 | B60T-001/10 |                            |
| Designated States (National): US  |      |     |    |             |                            |
| Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL SE |      |     |    |             |                            |
| EP 595961   | A1   | G   | 34 | B60T-001/10 | Based on patent WO 9301959 |
| Designated States (Regional): DE FR GB                                  |      |     |    |             |                            |
| EP 595961   | B1   | G   | 18 | B60T-001/10 | Based on patent WO 9301959 |
| Designated States (Regional): DE FR GB                                  |      |     |    |             |                            |
| DE 59203919   | G    |     |    | B60T-001/10 | Based on patent EP 595961  |
|   |      |     |    |             | Based on patent WO 9301959 |
| US 5472264  | A    |     | 15 | B60T-011/10 | Based on patent WO 9301959 |

...Abstract (Equivalent): A brake unit for automotive vehicles with \*electric\* drive, with a driven and a non-driven \*axle\* of vehicle \*wheels\*, with a \*first\* set of hydraulic friction brakes individually associated with said vehicle wheels of said driven \*axle\*, and with a \*second\* set of hydraulic friction brakes individually associated with said vehicle wheels of said non-driven...

...multiple-circuit compound system consisting of said first set and said second set of said \*hydraulic\* friction \*brakes\* and an electro-\*regenerative\* \*brake\* system, said electro-\*regenerative\* \*brake\*

... system utilizing an \*electric\* driving motor of the automotive vehicle for braking and for energy recovery, and three brake...

... comprised of a pedal-actuated brake pressure master unit and of said second set of \*hydraulic\* \*friction\* \*brakes\*, a second \*brake\* circuit which is constituted by the electro-\*regenerative\* \*brake\* system which is directly or indirectly coupled to a brake pedal and which acts upon...

... driven wheels, and a third brake circuit which is comprised of said first set of \*hydraulic\* \*friction\* \*brakes\* and is coupled to the brake pedal, wherein an electronic controller which is fed with...

... of the brake pedal, on vehicle speed and on the charging condition of the vehicle \*batteries\* and evaluates said information for controlling said second brake circuit and said third brake circuit...

... for controlling the distribution of the brake power to said driven and said non-driven \*axles\*, characterized in that said \*first\* set of \*hydraulic\* \*friction\* \*brakes\* in a way isolated hydraulically from the brake pressure master unit, are connected to at...

... International Patent Class (Additional): \*B60L-007/18\*...

... \*B60L-007/24\*...

... \*B60T-008/18\*...

... \*B60T-008/32\*

13/3,K/10 (Item 10 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07608262 \*\*Image available\*\*  
HYBRID VEHICLE

PUB. NO.: 2003-102108 [JP 2003102108 A]  
PUBLISHED: April 04, 2003 (20030404)  
INVENTOR(s): NAKABAYASHI SEIICHI  
SEO NOBUHIDE  
TAKAKURA KENJI  
KANEISHI JUNJI  
APPLICANT(s): MAZDA MOTOR CORP  
APPL. NO.: 2001-293151 [JP 20011293151]  
FILED: September 26, 2001 (20010926)

INTL CLASS: B60L-011/14; B60K-006/02; B60K-017/356; B60K-041/00;  
B60K-041/28; \*B60L-007/24\*; \*B60T-008/00\*; F02D-029/00;  
F02D-029/02; F02D-029/06

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a \*hybrid\* vehicle, which makes braking feed different, due to cancellation of \*regenerative\* \*braking\*.

SOLUTION: The \*hybrid\* vehicle 1, whose \*two\* \*wheels\* 10, 10 are driven by an engine 2 at all times and the \*two\* \*wheels\* driven by a drive motor 6 driven by a \*battery\* 4 under prescribed conditions to be four-wheel drive, is equipped with a storage means 24 which bolts a clutch 18 at all times and charges the \*battery\* when a road surface friction factor is small, an energy recovery means which charges the \*battery\* by conducting \*regenerative\* \*braking\*, when slowing down, and a \*regenerative\* control means 24 which controls \*regenerative\* \*braking\*, when the road surface \*friction\* factor is smaller the prescribed value.

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13/3,K/11 (Item 11 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07235706 \*\*Image available\*\*  
BRAKING/DRIVING FORCE CONTROL DEVICE FOR VEHICLE

PUB. NO.: 2002-104156 [JP 2002104156 A]  
PUBLISHED: April 10, 2002 (20020410)  
INVENTOR(s): SHIMADA MICHIHITO  
NIWA SATORU  
SAKAMOTO JUNICHI  
HARA MASAHIRO  
APPLICANT(s): TOYOTA MOTOR CORP  
APPL. NO.: 2000-294739 [JP 2000294739]  
FILED: September 27, 2000 (20000927)

INTL CLASS: \*B60T-008/00\*; \*B60L-007/10\*; \*B60L-007/24\*; B60L-011/14;  
\*B60T-008/58\*

#### ABSTRACT

...calculated based on the smaller final desired braking pressure (S50, 60, and 80), a desired \*friction\* \*braking\* pressure achieving a desired \*braking\* force corresponding to the final desired braking force of the vehicle in cooperation with the \*regenerative\* \*braking\* about the wheel having the larger final desired braking pressure is calculated, and a desired \*friction\* \*braking\* pressure of \*another\* \*wheel\* is set zero (S70 and 90). A desired driving torque PTf of the front wheel...

... front wheels under the traction control (S100 and 110), the braking/driving force of a \*hybrid\* engine 10 is controlled based on final desired braking/driving torque KFTf (=PTf-KTf) of the front wheel's axle (S120), and \*friction\* \*braking\* pressures of the right and left front wheels are controlled to the desired \*friction\* \*braking\* pressure (S130).

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13/3,K/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05623605 \*\*Image available\*\*  
BRAKING DEVICE

PUB. NO.: 09-238405 [JP 9238405 A]  
PUBLISHED: September 09, 1997 (19970909)  
INVENTOR(s): KIMURA AKIYOSHI  
SHIOYAMA SHUICHIRO  
APPLICANT(s): UNISIA JECS CORP [358427] (A Japanese Company or Corporation)  
, JP (Japan)  
APPL. NO.: 08-045061 [JP 9645061]  
FILED: March 01, 1996 (19960301)

INTL CLASS: B60L-011/18; \*B60L-007/12\*; B60T-017/00

#### ABSTRACT

... by a braking means which consists of driving motors 6a and 6b and includes a \*battery\* \*regenerative\* \*braking\* means B instead of a \*hydraulic\* \*braking\* means on the rear wheel 3 side. On the front \*wheel\* \*2\* side, the car is \*braked\* by a \*hydraulic\* \*braking\* means which has a tandem master cylinder 7 having two hydraulic systems 7a and 7b...  
... are connected to the respective systems 7a and 7b and are provided on the respective \*wheels\* \*2\*.

13/3,K/13 (Item 13 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05478912 \*\*Image available\*\*  
METHOD AND APPARATUS FOR BRAKING ELECTRIC VEHICLE

PUB. NO.: 09-093712 [JP 9093712 A]  
PUBLISHED: April 04, 1997 (19970404)  
INVENTOR(s): SHIMIZU HIROSHI  
ASHIKAGA TADASHI  
MATSUMURA YOSHIHIRO  
HAKE MOTOMU  
APPLICANT(s): SHIMIZU HIROSHI [0000000] (An Individual), JP (Japan)  
KOGAI KENKO HIGAI HOSHIYOU YOBOUTEN KYOKAI [0000000] (A Japanese  
Company or Corporation), JP (Japan)  
MEIDENSHA CORP [000610] (A Japanese Company or Corporation),  
JP (Japan)  
NABCO LTD [000401] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-266416 [JP 95266416]  
FILED: September 19, 1995 (19950919)  
INTL CLASS: \*B60L-007/24\*; \*B60T-008/26\*

ABSTRACT

...SOLUTION: At least at the time of initial \*braking\*, the \*hydraulic\*  
\*braking\* of drive wheels 4 which make it possible to be connected to a  
motor 6 and driven with a \*battery\* 8 as an energy source and hydraulically  
braked and regeneratively braked by the operation of a \*brake\* pedal 18 and  
the \*hydraulic\* \*braking\* of driven \*wheels\* \*2\* which make it possible to  
be hydraulically braked by the operation of the pedal 18 are inhibited, and  
the \*regenerative\* \*braking\* of the drive wheels 4 are operated. When the  
\*regenerative\* \*brake\* forces of the drive wheels reach a predetermined  
value BE1 of less than the maximum value, the \*hydraulic\* \*braking\* of the  
\*wheels\* \*2\* is started, and the brake force distribution of the \*wheels\*  
\*2\* and 4 is brought into coincidence with the preset ideal distribution  
approximate characteristics before the \*regenerative\* \*brake\* force of the  
wheels exceeds the maximum value.

13/3,K/14 (Item 14 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05478911 \*\*Image available\*\*  
METHOD AND APPARATUS FOR BRAKING ELECTRIC AUTOMOBILE

PUB. NO.: 09-093711 [JP 9093711 A]  
PUBLISHED: April 04, 1997 (19970404)  
INVENTOR(s): SHIMIZU HIROSHI  
ASHIKAGA TADASHI  
MATSUMURA YOSHIHIRO  
HAKE MOTOMU  
APPLICANT(s): SHIMIZU HIROSHI [0000000] (An Individual), JP (Japan)  
KOGAI KENKO HIGAI HOSHIYOU YOBOUTEN KYOKAI [0000000] (A Japanese  
Company or Corporation), JP (Japan)  
MEIDENSHA CORP [000610] (A Japanese Company or Corporation),  
JP (Japan)  
NABCO LTD [000401] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-266415 [JP 95266415]  
FILED: September 19, 1995 (19950919)

INTL CLASS: \*B60L-007/24\*; \*B60T-008/26\*

ABSTRACT

...SOLUTION: At least at the time of initial \*braking\*, the \*hydraulic\* \*braking\* of drive wheels 4 which make it possible to be connected to a motor 6 and driven with a \*battery\* 8 as an energy source and hydraulically braked and regeneratively braked by the operation of a \*brake\* pedal 18 and the \*hydraulic\* \*braking\* of driven \*wheels\* \*2\* which make it possible to be hydraulically braked by the operation of the pedal 18 are inhibited, and the \*regenerative\* \*braking\* of the drive wheels 4 are operated. When the \*regenerative\* \*brake\* forces of the drive wheels reach a predetermined value (a) of less than the maximum value, the \*regenerative\* \*brake\* force is held, the \*hydraulic\* \*braking\* of the \*wheels\* \*2\* are started, the \*regenerative\* \*brake\* force is held and continued until the brake force distribution of the \*wheels\* \*2\* and 4 is coincident with the preset ideal distribution approximate characteristics.

13/AN,AZ,TI/1 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014315903

Braking control device for electric vehicle, has controller that regulates linear valve to generate differential pressure based on hydraulic pressure corresponding to regenerative braking power  
Local Applications (No Type Date): JP 2000186700 A 20000621; US 2001884952 A 20010621; DE 1029594 A 20010620  
Priority Applications (No Type Date): JP 2000186700 A 20000621

13/AN,AZ,TI/2 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011757185

Damping device for electric vehicles - has boosting control valve provided between master cylinder and brake units, to close pressure passage, when input hydraulic pressure value exceeds minimum value  
Local Applications (No Type Date): JP 96215309 A 19960725  
Priority Applications (No Type Date): JP 96215309 A 19960725

13/AN,AZ,TI/3 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010748568

Damper for electric vehicle e.g. motor car - has switching control part to operate hydraulic pressure adjustment part, in accordance with detected slip ratio  
Local Applications (No Type Date): JP 94226392 A 19940921  
Priority Applications (No Type Date): JP 94226392 A 19940921

13/AN,AZ,TI/4 (Item 4 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010748567

Damping device for electric vehicle - uses braking hydraulic pressure detecting part to detect hydraulic pressure on sides of wheels when electric motor does not operate  
Local Applications (No Type Date): JP 94226393 A 19940921  
Priority Applications (No Type Date): JP 94226393 A 19940921

13/AN,AZ,TI/5 (Item 5 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010748566

Damping device for electric vehicle - uses switching controller to control switching between hydraulic pressure braking and regenerative braking, based on output of condition detector  
Local Applications (No Type Date): JP 94226391 A 19940921; JP 94226391 A 19940921  
Priority Applications (No Type Date): JP 94226391 A 19940921

13/AN,AZ,TI/6 (Item 6 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010405650

Electric-vehicle damping device - uses force controller to control frictional braking force based on resurrection circle  
Local Applications (No Type Date): JP 93354657 A 19931229; JP 93354657 A 19931229



Priority Applications (No Type Date): JP 93354657 A 19931229

13/AN,AZ,TI/7 (Item 7 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010082302

**Braking system for electric car - has twin circuit hydraulic brakes with auxiliary pressure source, plus retardation and energy recovery from drive motor**

Local Applications (No Type Date): DE 4314448 A 19930503; WO 94EP1341 A 19940428; EP 94915138 A 19940428; WO 94EP1341 A 19940428; EP 94915138 A 19940428; WO 94EP1341 A 19940428; DE 504219 A 19940428; EP 94915138 A 19940428; WO 94EP1341 A 19940428; WO 94EP1341 A 19940428; US 95545749 A 19951101

Priority Applications (No Type Date): DE 4314448 A 19930503

13/AN,AZ,TI/8 (Item 8 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

009343855

**Hydraulic braking system for motor vehicle with electric drive - designed in form of multi-circuit compound braking system consisting of hydraulic friction brakes and electro-regenerating braking system**

Local Applications (No Type Date): DE 4124496 A 19910724; WO 92EP1681 A 19920723; EP 92916186 A 19920723; WO 92EP1681 A 19920723; EP 92916186 A 19920723; WO 92EP1681 A 19920723; DE 503919 A 19920723; EP 92916186 A 19920723; WO 92EP1681 A 19920723; WO 92EP1681 A 19920723; US 94182014 A 19940124

Priority Applications (No Type Date): DE 4124496 A 19910724

13/AN,AZ,TI/9 (Item 9 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

007180371

**Combined regenerative and friction braking system for locomotive - regulates operation of regenerative and friction braking systems and actuates latter when brake demand signal is sent**

Local Applications (No Type Date): US 85799773 A 19851121

Priority Applications (No Type Date): US 85799773 A 19851121

13/AN,AZ,TI/10 (Item 10 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

07608262

HYBRID VEHICLE

APPL. NO.: 2001-293151 [JP 20011293151]

13/AN,AZ,TI/11 (Item 11 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

07235706

BRAKING/DRIVING FORCE CONTROL DEVICE FOR VEHICLE

APPL. NO.: 2000-294739 [JP 2000294739]

13/AN,AZ,TI/12 (Item 12 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05623605  
BRAKING DEVICE

APPL. NO.: 08-045061 [JP 9645061]

13/AN,AZ,TI/13 (Item 13 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05478912  
METHOD AND APPARATUS FOR BRAKING ELECTRIC VEHICLE

APPL. NO.: 07-266416 [JP 95266416]

13/AN,AZ,TI/14 (Item 14 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05478911  
METHOD AND APPARATUS FOR BRAKING ELECTRIC AUTOMOBILE

APPL. NO.: 07-266415 [JP 95266415]

13/AN,AZ,TI/15 (Item 15 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05029811  
BRAKE FOR ELECTRIC VEHICLE

APPL. NO.: 06-206658 [JP 94206658]

13/AN,AZ,TI/16 (Item 16 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

04461506  
BRAKE CONTROLLER FOR ELECTRIC MOTOR VEHICLE

APPL. NO.: 04-251300 [JP 92251300]